

SERVICE MANUAL

STEREO CAR
CD CHANGER SYSTEM

BASIC CD MECHANISM : 8ZG-3 RNF

aiwa

S/M Code No. 09-001-404-5R4

SPECIFICATIONS

<Compact disc changer>	
System	Compact disc digital audio system
Frequency Response	5 Hz - 20 kHz
Wow and flutter	Below measurable limit
Signal to noise ratio	91 dB or more
Outputs	Line output (for changer connector only)
Operating temperature	-10 °C to 55 °C
Dimensions	244 x 63 x 169 mm (w/h/d) (9 ⁵ / ₈ x 2 ¹ / ₂ x 6 ⁵ / ₈ in.)
Weight	1.8 kg (3.96 lbs.)
Power requirement	12 V DC car battery (negative ground)
D/A converter	1 bit DAC, 8 times over sampling
Sampling rate	44.1 kHz
Disc size	120 mm

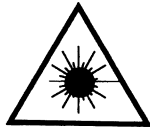
• Design and specifications are subject to change without notice.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylitävälle näkymättömälle lasersäteilylle.

WARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvisning, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

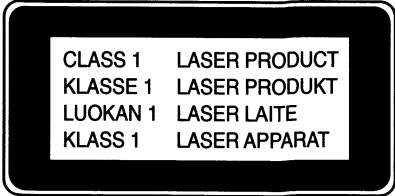
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL!

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT label is located on the rear exterior.



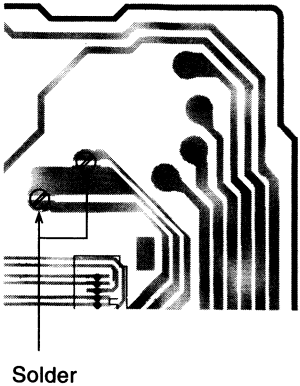
Precaution to replace Optical block

(KSS – 710A)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

- 1) After the connection, remove solder shown in right figure.

PICK-UP Assy P.C.B

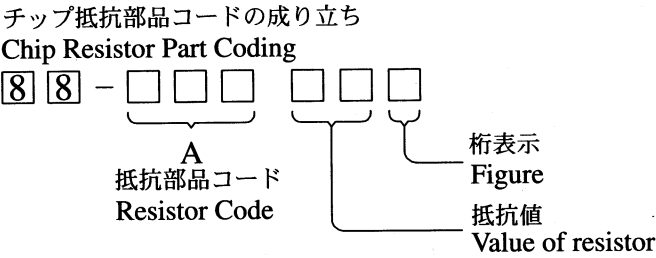


If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

- 4 -

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
SW802	87-036-312-080		C-SW,PUSH ESE102MH4-Q	LIMIT C.B			
W803	8Z-KM3-625-010		F-CABLE,4P (SWITCH)	SW803	87-036-312-080		C-SW,PUSH ESE102MH4-Q
				W804	8Z-KM3-624-010		F-CABLE,2P (LIMIT)
LED C.B							
CON803	87-009-863-010		CONN,2P WHT ZH	FLEX PICK UP C.B			
LED801	87-A40-319-080		C-LED,LT1E40A GRN				
LED802	87-A40-320-080		C-LED,LT1H40A Y	8Z-KM4-631-010			PWB,FLEX PICK UP (AK)
LED803	87-A40-319-080		C-LED,LT1E40A GRN				
CONNECT C.B							
CON801	87-A61-155-080		C-CONN,30P H XF2H-3015-1				
CON802	87-A61-240-080		C-CONN,16P H FLZ-RSM1-TB				
M802	87-A91-054-010		MOT,FF-050SK				
M803	87-A91-054-010		MOT,FF-050SK				
M804	87-A90-926-010		MOT,RF-3L0PA				

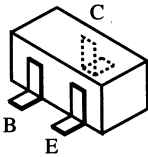
○チップ抵抗部品コード／CHIP RESISTOR PART CODE



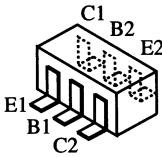
チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm)				抵抗コード : A
				外形／Form	L	W	t	Resistor Code : A
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

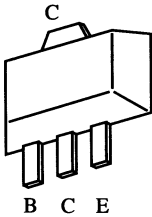
TRANSISTOR ILLUSTRATION



2SA1037
2SB1197
2SC2712
2SD1623
DTA124EKA
DTC124EKA



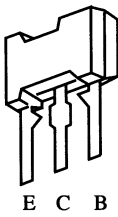
UPA608T



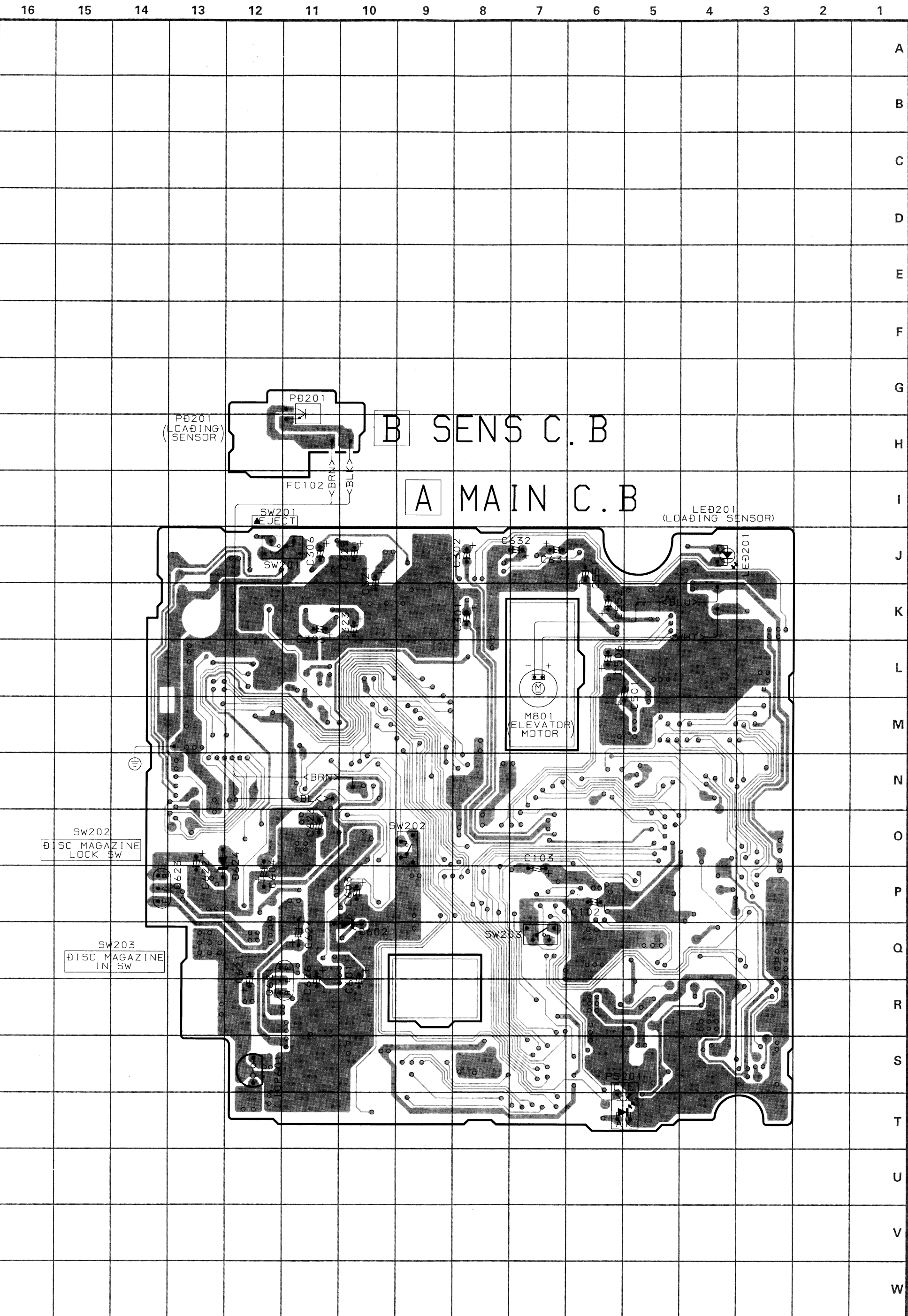
2SD1622



2SD2395

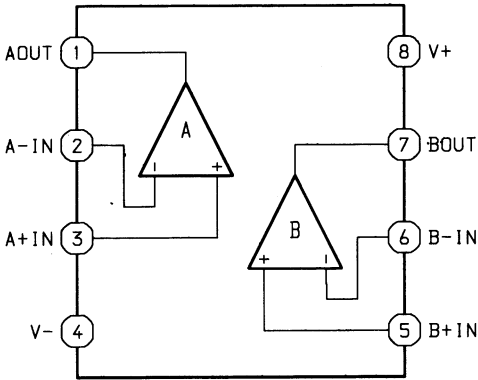


2SA1702

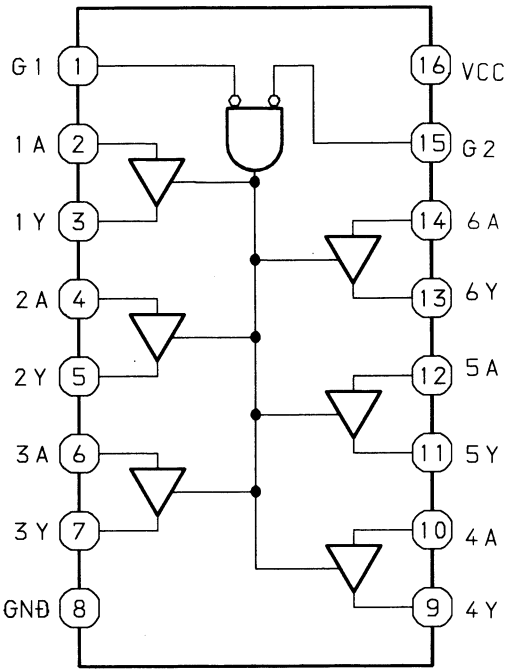


IC BLOCK DIAGRAM

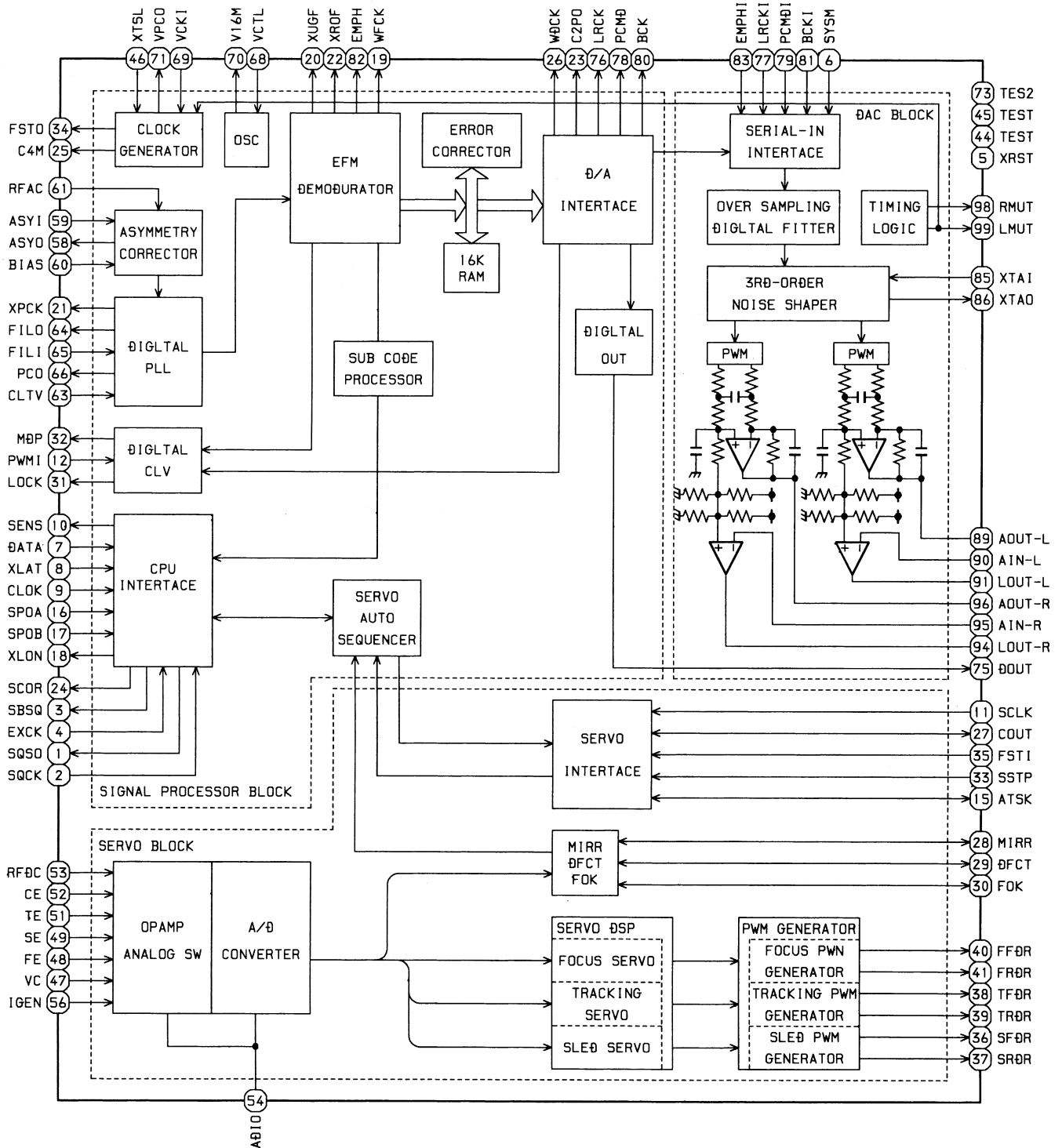
IC, NJM4558MD



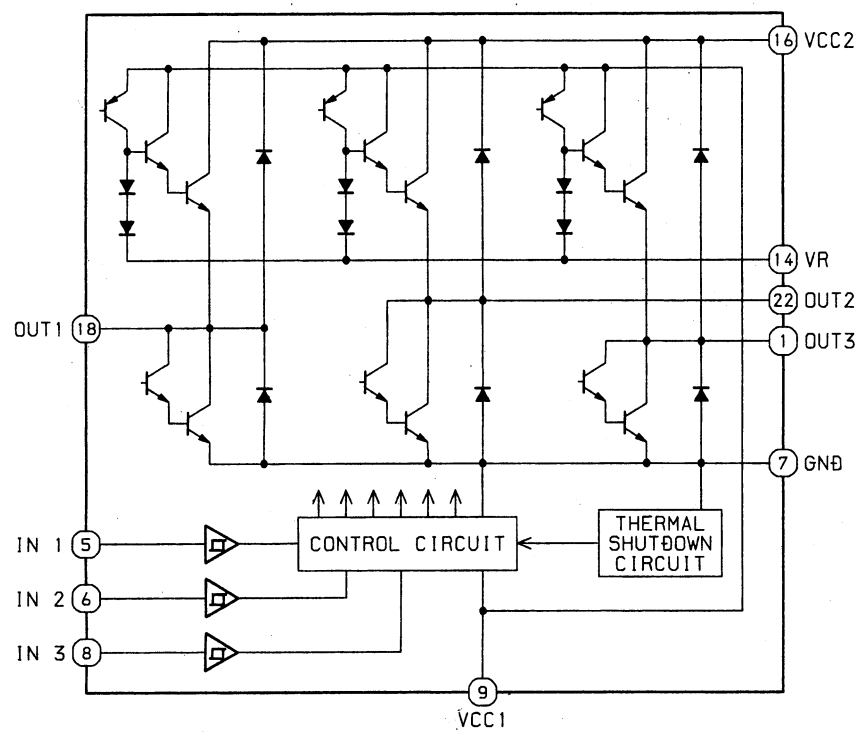
IC, TC74HC365AF



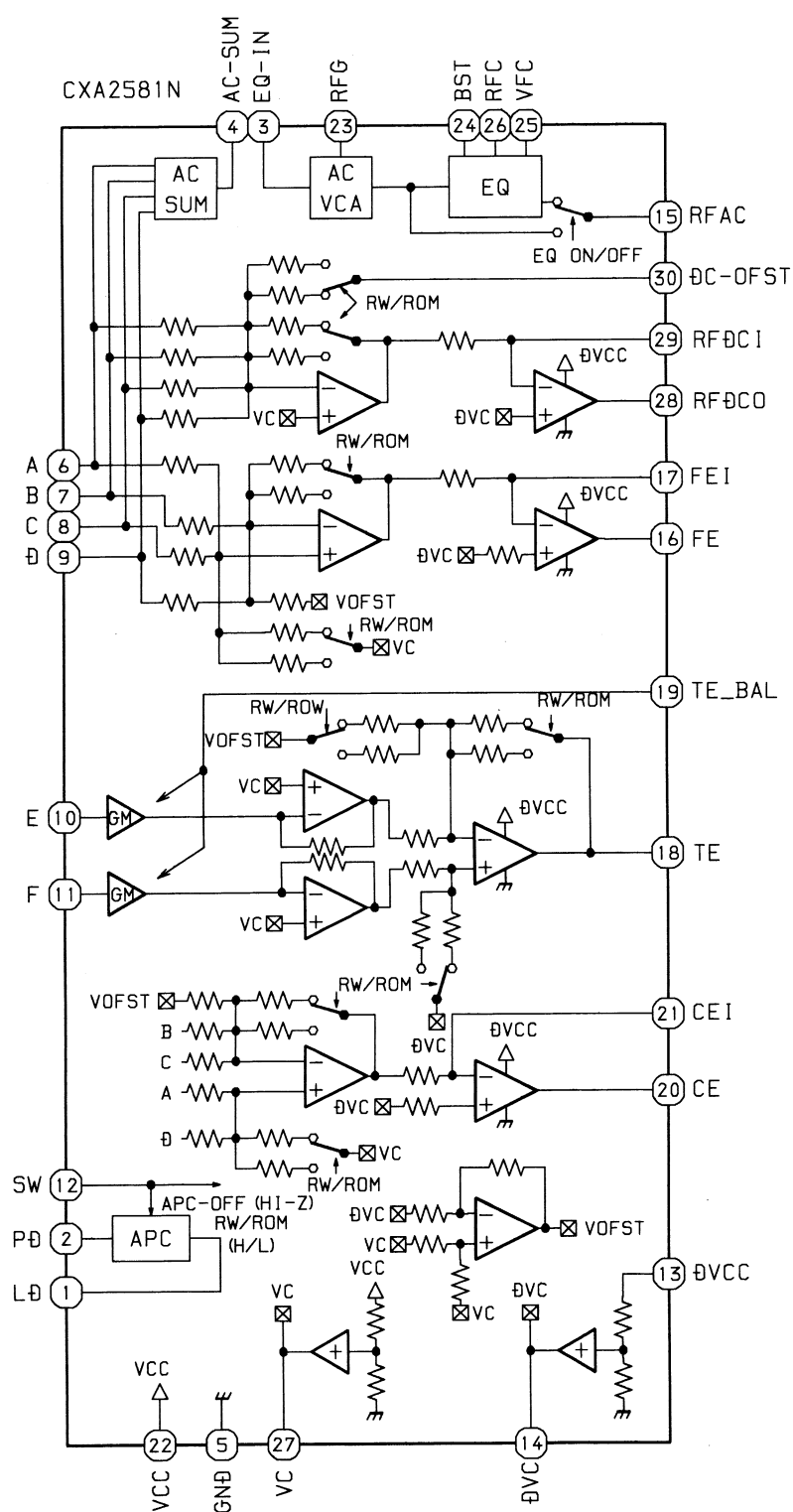
IC, CXD2588R



IC, BA6247FP



IC, CXA2581N

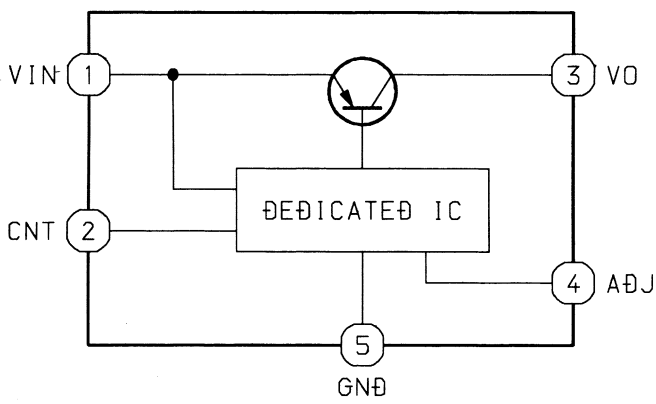


VCC

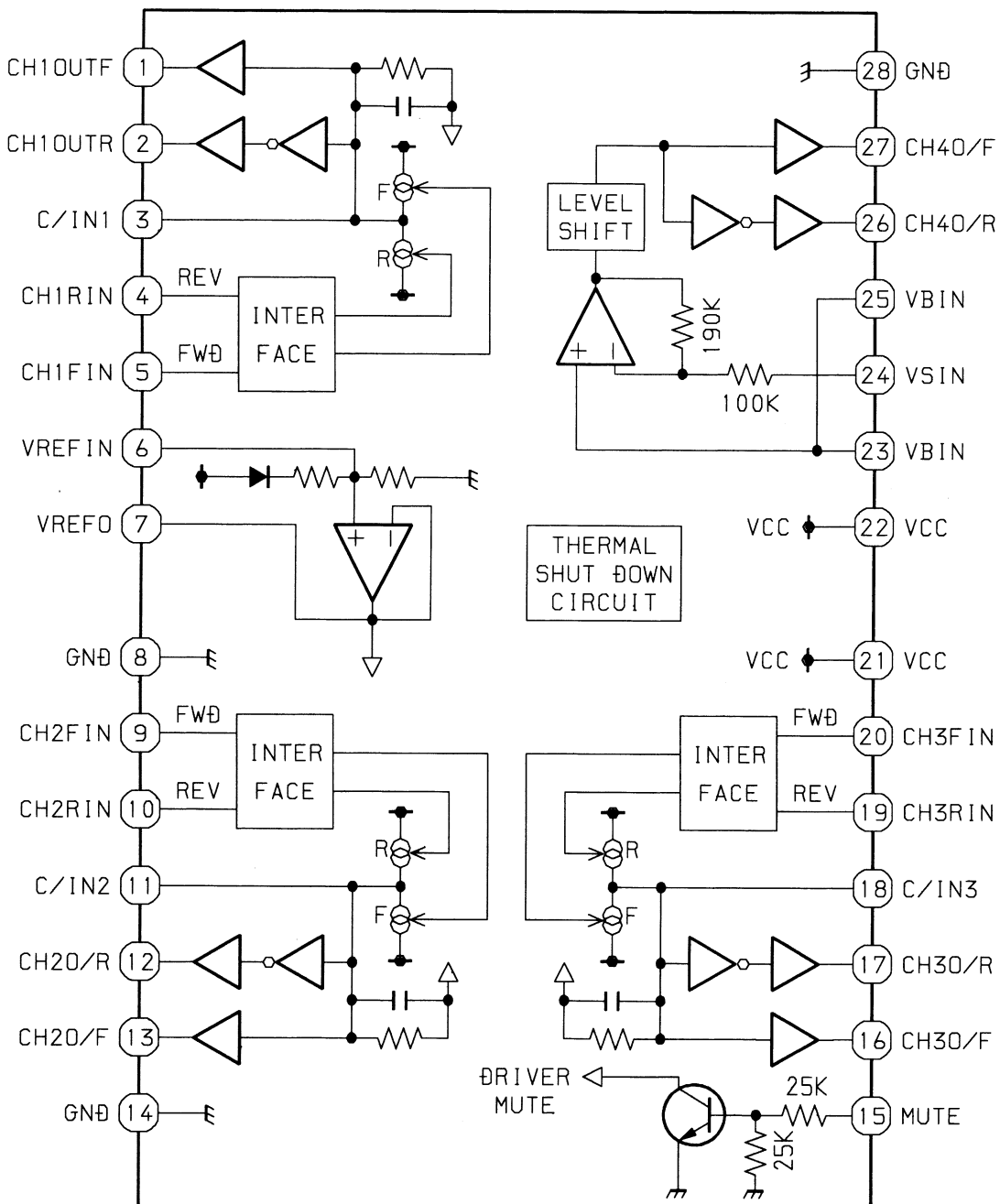
92

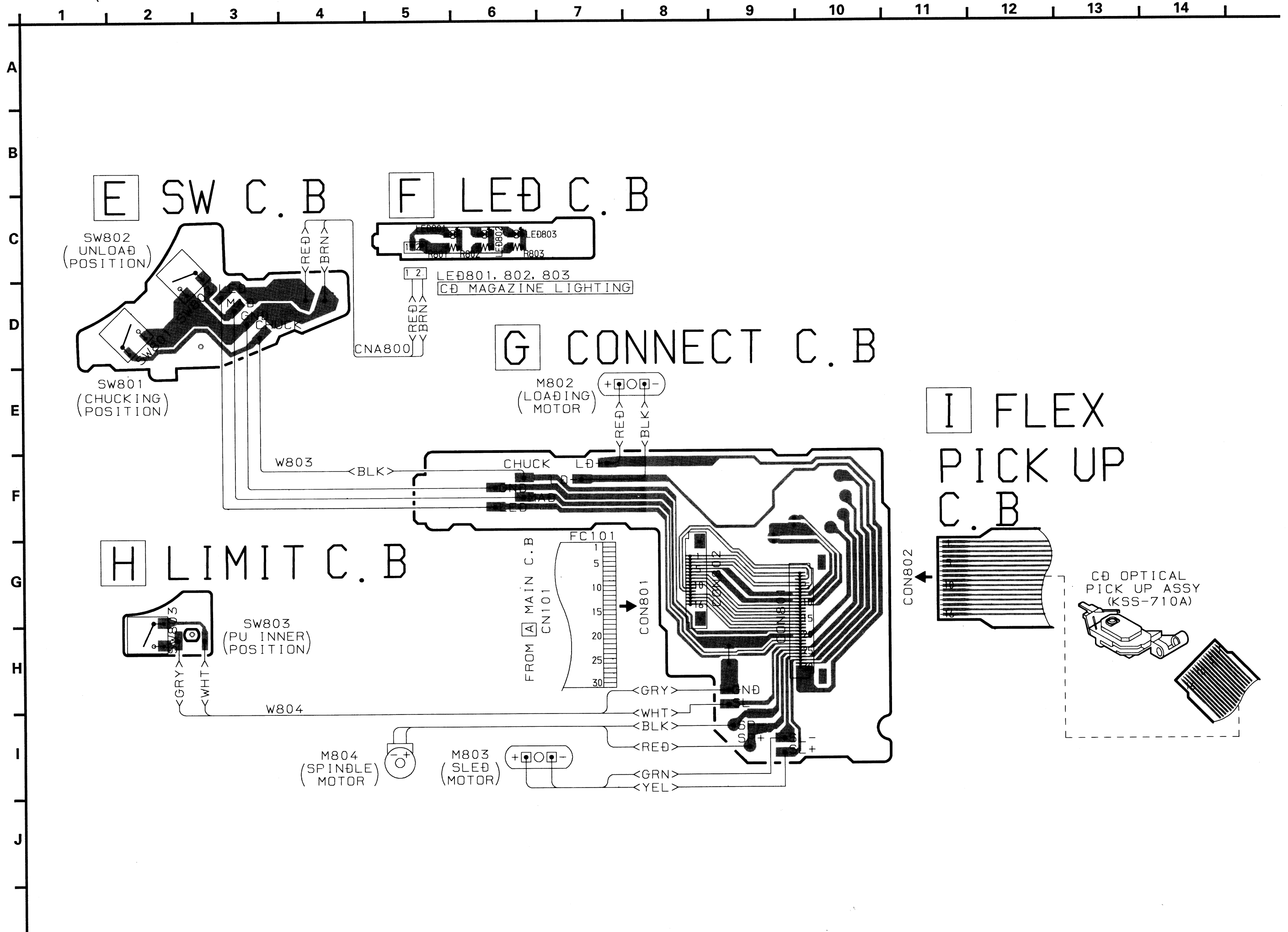
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IC, PQ20WZ1U



IC, BA6392FP





IC DESCRIPTION

IC, CXP84632-143Q

Pin No.	Pin Name	I/O	Description
1 ~ 4	NC	-	Not connected.
5	EEPDI	-	Connected to GND. (Not used)
6	SCLK	O	SENS read clock output.
7	SENS	I	SENS input.
8	XLAT	O	DSP data latch output.
9	SYSM	O	DSP (DAC) system mute control output. ("H" : MUTE)
10	DRST	O	DSP IC reset output. ("L" : RESET)
11	EMPHA	O	DSP (DAC) de-emphasis control output. ("H" : ON)
12, 13	PWRCNT1, 2	O	POWER control output 1, 2.
14	SENS	I	DISC IN detect sensor input.
15	RFSW	O	RF-AMP gain select output. ("H" : CD-RW)
16	(EASSON) RFSEL	O	RF-AMP Fs select output. ("L" : X2 speed)
17	LEDCONT	O	LED on/off output. ("H" : ON)
18	ELCONT	O	Motor driver control output 1.
19	LDCONT	O	Motor driver control output 2.
20	MCONT	O	Motor driver control output 3.
21	PHPWR	O	Photo sensor on/off output. ("H" : ON)
22	EJECT	I	Eject switch input. ("L" : ON)
23	INIT	I	Initial position switch input.
24	PACK	I	Disc magazine in switch input.
25	MZLOCK	I	Disc magazine lock switch input.
26	UNLOAD	I	Unload position switch input.
27	LS	I	Pick-up inner position switch input.
28	CHUCK	I	Chuck position switch input.
29	CD6/10	I	6/10 disc selector input. ("OPEN" : 6 disc, "SHORT" : 10 disc)
30	$\overline{\text{RESET}}$	-	IC reset. ("L" : RESET)
31	EXTAL	-	12 MHz clock.
32	XTAL	-	12 MHz clock.
33	VSS	-	IC GND.
34	TX	-	Not used.
35	TEX	-	Not used.
36	AVSS	-	GND. (A/D in GND)
37	AVREF	-	VDD. (A/D in Vref)
38	TEST0	I/O	Test mode select (L) / TEST KEY connect.
39 ~ 42	TEST1 ~ 4	-	Not used.
43	TEST5	I	CD text function select input. ("L" : NO TEXT)
44	TEST6	I	Initial check skip select input ("L" : NO CHECK) (Not used)
45	TEST7	I	EASS function select input. ("L" : NO EASS)
46	NC	-	Not connected.
47	SQSI	I	SUBCODE CRC flag check input.
48	SQCLK	O	SUBCODE read clock output.
49	SQSI	I	SUBCODE data input.

Pin No.	Pin Name	I/O	Description
50	NC	-	Not connected.
51	DCLK	O	DSP/DRAM controller data clock output.
52	ZSENS	I	DRAM controller data input. (Not used)
53	DATAO	O	DSP/DRAM controller data output.
54	PHSENS	I	Photo sensor input.
55	C2PO	I	C2 error flag input. ("H" : C2 error)
56	LOCK	I	LOCK input. ("H" : spindle servo lock)
57	FOK	I	FOK input. ("H" : focus OK).
58, 59	NC	-	Not connected.
60	ACCCNT	I	ACC CONT input. ("H" : ON)
61	CLKO	O	Adjust serial clock output.
62	CLKI	I	Serial clock input.
63	SCOR	I	SUBCODE SYNC input.
64	DSPSEL	I	Serial bus enable input.
65	SBCLKI	I	Adjust serial clock input.
66	SBDTI	I	Serial data input.
67	NC	-	Not connected.
68	SBCLKO	O	Serial clock output.
69	SBDTO	O	Serial data output.
70	NC	-	Not connected.
71	BUCHK	I	Connected to VDD. (Not used)
72	VDD	-	IC VDD.
73	NC	-	Connected to VDD.
74	AMUTE	O	Analog line mute output. (Not used)
75	SPCON	O	Motor driver standby control output. ("L" : MUTE)
76	NRST	O	DRAM controller IC reset. ("L" : RESET) (Not used)
77	YMLD	O	DRAM controller data latch output. (Not used)
78	LED1	O	DISC detect sensor LED on/off output. ("L" : ON)
79, 80	LED2, 3	-	Not used.

VOLTAGE CHART

IC101, CXD2588R

PIN NO.	CD x 1	CD x 2	RW x 1
1	DATA LINE	DATA LINE	DATA LINE
2	4.56	4.56	4.56
3	0.11	0.11	0.11
4	0	0	0
5	4.60	4.60	4.60
6	0	0	0
7	DATA LINE	DATA LINE	DATA LINE
8	4.59	4.59	4.59
9	4.57	4.57	4.57
10	0.03	0.03	0.03
11	4.61	4.61	4.61
12~14	4.06	4.06	4.06
15~18	0	0	0
19~20	2.03	2.03	2.03
21	1.92	1.92	1.92
22	4.06	4.06	4.06
23	0	0	0
24	0.05	0.05	0.05
25	1.92	1.92	1.92
26	2.00	2.00	2.00
27~28	0.01	0.01	0.01
29	0.04	0.04	0.04
30~31	4.06	4.06	4.06
32	2.25	2.25	2.25
33	0	0	0
34~35	2.25	2.25	2.25
36~41	DATA LINE	DATA LINE	DATA LINE
42~46	0	0	0
47	2.02	2.02	2.02
48	1.98	1.98	1.98
49~50	0	0	0
51	DATA LINE	DATA LINE	DATALINE
52	2.02	2.02	2.02
53	2.79	2.79	2.79
54	1.95	1.95	1.95
55	0	0	0
56	1.73	1.73	1.73
57	3.92	3.92	3.92
58	1.95	1.95	1.95
59	1.96	1.96	1.96
60	0.80	0.80	0.80

PIN NO.	CD x 1	CD x 2	RW x 1
61	1.96	1.96	1.96
62	0	0	0
63~64	2.04	2.04	2.04
65~66	1.96	1.96	1.96
67	3.92	3.92	3.92
68	0	0	0
69~70	1.63	1.63	1.63
71	0.01	0.01	0.01
72~73	0	0	0
74	4.06	4.06	4.06
75	0.01	0.01	0.01
76	2.02	2.02	2.02
77~78	2.03	2.03	2.03
79	1.35	1.35	1.35
80	1.96	1.96	1.96
81	2.00	2.00	2.00
82	4.06	4.06	4.06
83	4.60	4.60	4.60
84	4.06	4.06	4.06
85	0	0	0
86	1.98	1.98	1.98
87	0	0	0
88	3.91	3.91	3.91
89	0	0	0
90~91	1.62	1.62	1.62
92~93	0	0	0
94	1.61	1.61	1.61
95	1.62	1.62	1.62
96	1.63	1.63	1.63
97	3.93	3.93	3.93
98~99	4.06	4.06	4.06
100	0	0	0

IC151, CXA2581N

PIN NO.	CD x 1	CD x 2	RW x 1
1	2.57	2.57	2.57
2	0.158	0.158	0.158
3	2.03	2.03	2.03
4	2.10	2.10	2.10
5	0	0	0
6	2.15	2.15	2.15
7	2.14	2.14	2.14
8~9	2.13	2.13	2.13
10~11	2.04	2.04	2.04
12	0	0	4.61
13	4.06	4.06	4.06
14	2.04	2.04	2.04
15	2.19	2.19	2.19
16	2.00	2.00	2.00
17	2.04	2.04	2.04
18	1.95	1.95	1.95
19	2.04	2.04	2.04
20	2.02	2.02	2.02
21	2.04	2.04	2.04
22	4.06	4.06	4.06
23	2.97	2.97	2.97
24	2.43	2.43	2.43
25	1.57	1.57	1.57
26	2.80	2.77	2.77
27	2.04	2.04	2.04
28	2.19	2.19	2.19
29	2.04	2.04	2.04
30	1.54	1.54	1.54

IC201, CXP84632-143Q

PIN NO.	CD x 1	CD x 2	RW x 1
1	0	0	0
2~3	4.64	4.64	4.64
4~5	0	0	0
6	4.61	4.61	4.61
7	0.03	0.03	0.03
8	4.59	4.59	4.59
9	0	0	0
10~11	4.59	4.59	4.59
12~13	4.57	4.57	4.57
14	4.59	4.59	4.59
15	0	0	4.6
16	4.63	0.09	4.63x1 / 0.09x2

PIN NO.	CD x 1	CD x 2	RW x 1
17	4.62	4.62	4.62
18~21	0	0	0
22~23	4.59	4.59	4.59
24~25	0	0	0
26~27	4.59	4.59	4.59
28	0	0	0
29	4.6	4.6	4.6
30	4.16	4.16	4.16
31	2.27	2.27	2.27
32	2.43	2.43	2.43
33	0	0	0
34	4.64	4.64	4.64
35~36	0	0	0
37	4.65	4.65	4.65
38	4.62	4.62	4.62
39~41	0	0	0
42	4.60	0	0
43	0	0	0
44	4.60	0	0
45	0	0	0
46	4.60	4.60	4.60
47	DATA LINE	DATA LINE	DATA LINE
48	4.56	4.56	4.56
49	DATA LINE	DATA LINE	DATA LINE
50	0	0	0
51	4.57	4.57	4.57
52~53	DATA LINE	DATA LINE	DATA LINE
54	4.64	4.64	4.64
55	0	0	0
56~57	4.06	4.06	4.06
58~59	0	0	0
60	4.65	4.65	4.65
61	4.64	4.64	4.64
62	0	0	0
63	0.05	0.05	0.05
64	DATA LINE	DATA LINE	DATA LINE
65	4.64	4.64	4.64
66~67	0	0	0
68	4.64	4.64	4.64
69	DATA LINE	DATA LINE	DATA LINE
70	0	0	0
71~73	4.65	4.65	4.65

PIN NO.	CD x 1	CD x 2	RW x 1
74	0	0	0
75	4.59	4.59	4.59
76~77	4.63	4.63	4.63
78	4.00	4.00	4.00
79~80	0	0	0

IC251, TC74HC365AF

PIN NO.	CD x 1	CD x 2	RW x 1
1~8	0	0	0
9~10	4.64	4.64	4.64
11~14	DATA LINE	DATA LINE	DATALINE
15	0	0	0
16	4.65	4.65	4.65

IC301, NJM4558MD

PIN NO.	CD x 1	CD x 2	RW x 1
1~3	6.30	6.30	6.30
4	0	0	0
5~7	6.30	6.30	6.30
8	10.65	10.65	10.65

IC501, BA6392FP

PIN NO.	CD x 1	CD x 2	RW x 1
1	4.45	4.45	4.45
2	5.03	5.03	5.03
3	4.48	4.48	4.48
4~5	DATA LINE	DATA LINE	DATA LINE
6	4.75	4.75	4.75
7	4.77	4.77	4.77
8	0	0	0
9~10	DATA LINE	DATA LINE	DATALINE
11	4.73	4.73	4.73
12	4.71	4.71	4.71
13	4.76	4.76	4.76
14	0	0	0
15	4.59	4.59	4.59
16	4.78	4.78	4.78
17	4.69	4.69	4.69
18	4.76	4.76	4.76
19~20	DATA LINE	DATA LINE	DATA LINE
21~22	9.90	9.90	9.90
23	2.03	2.03	2.03
24	2.22	2.03	2.03
25	2.03	2.03	2.03
26	5.02	5.02	5.02

PIN NO.	CD x 1	CD x 2	RW x 1
27	4.36	4.36	4.36
28	0	0	0

IC551, BA6247FP

PIN NO.	CD x 1	CD x 2	RW x 1
1	0.55	0.55	0.55
2~4	0	0	0
5~6	DATA LINE	DATA LINE	DATA LINE
7	0	0	0
8	DATA LINE	DATA LINE	DATA LINE
9	10.33	10.33	10.33
10~15	0	0	0
16	10.33	10.33	10.33
17	0	0	0
18	0.55	0.55	0.55
19~21	0	0	0
22	0.55	0.55	0.55
23~25	0	0	0

IC622, PQ20WZ1U

PIN NO.	CD x 1	CD x 2	RW x 1
1	13.10	13.10	13.10
2	4.57	4.57	4.57
3	11.11	11.11	11.11
4	2.67	2.67	2.67
5	0	0	0

Q151, 2SB1197KQ

PIN	CD x 1	CD x 2	RW x 1
E	3.18	3.18	3.18
C	2.18	2.18	2.18
B	2.54	2.54	2.54

Q153, 2SA1037K(R)

PIN	CD x 1	CD x 2	RW x 1
E	2.80	2.80	2.80
C	0	0	0
B	2.19	2.19	2.19

Q201, UPA608T

PIN	CD x 1	CD x 2	RW x 1
E1	4.65	0	4.65
E2	0	4.64	0
C1	0	4.65	0
C2	4.64	0	4.64
B1	4.65	4.65	4.65
B2	0	0	0

Q202, 2SC2712GR

PIN	CD x 1	CD x 2	RW x 1
E	2.15	2.15	2.15
C	4.63	4.63	4.63
B	2.83	2.83	2.83

Q621, 2SA1702

PIN	CD x 1	CD x 2	RW x 1
E	13.10	13.10	13.10
C	13.05	13.05	13.05
B	0	0	0

Q251, 2SC2712GR

PIN	CD x 1	CD x 2	RW x 1
E	0	0	0
C	0	0	0
B	0.64	0.64	0.64

Q622, DTC124EKA

PIN	CD x 1	CD x 2	RW x 1
E	0	0	0
C	0.13	0.13	0.13
B	4.57	4.57	4.57

Q252, DTA124EKA

PIN	CD x 1	CD x 2	RW x 1
E	4.65	4.65	4.65
C	4.65	4.65	4.65
B	0	0	0

Q623, 2SD2395E

PIN	CD x 1	CD x 2	RW x 1
E	4.62	4.62	4.62
C	13.03	13.03	13.03
B	4.07	4.07	4.07

Q253, 2SC2712GR

PIN	CD x 1	CD x 2	RW x 1
E	0	0	0
C	0	0	0
B	0.68	0.68	0.68

Q631, 2SD1623

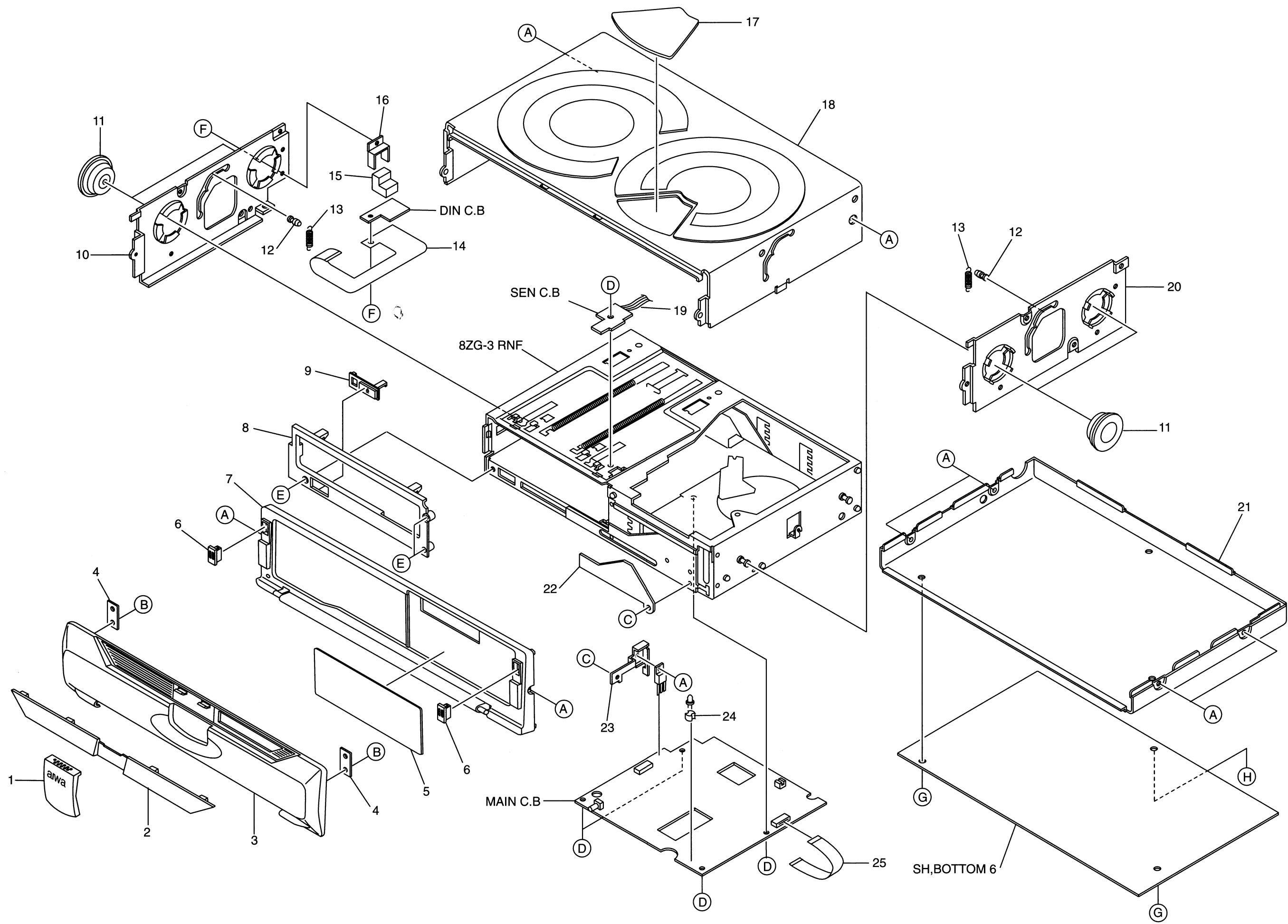
PIN	CD x 1	CD x 2	RW x 1
E	11.06	11.06	11.06
C	11.10	11.10	11.10
B	11.65	11.65	11.65

Q601, 2SD1622S-TD

PIN	CD x 1	CD x 2	RW x 1
E	4.65	4.65	4.65
C	13.10	13.10	13.10
B	5.23	5.23	5.23

PD201, PT4850F

PIN	CD x 1	CD x 2	RW x 1
E	0	0	0
C	4.58	4.58	4.58
B	-	-	-



MECHANICAL PARTS LIST 1 / 1

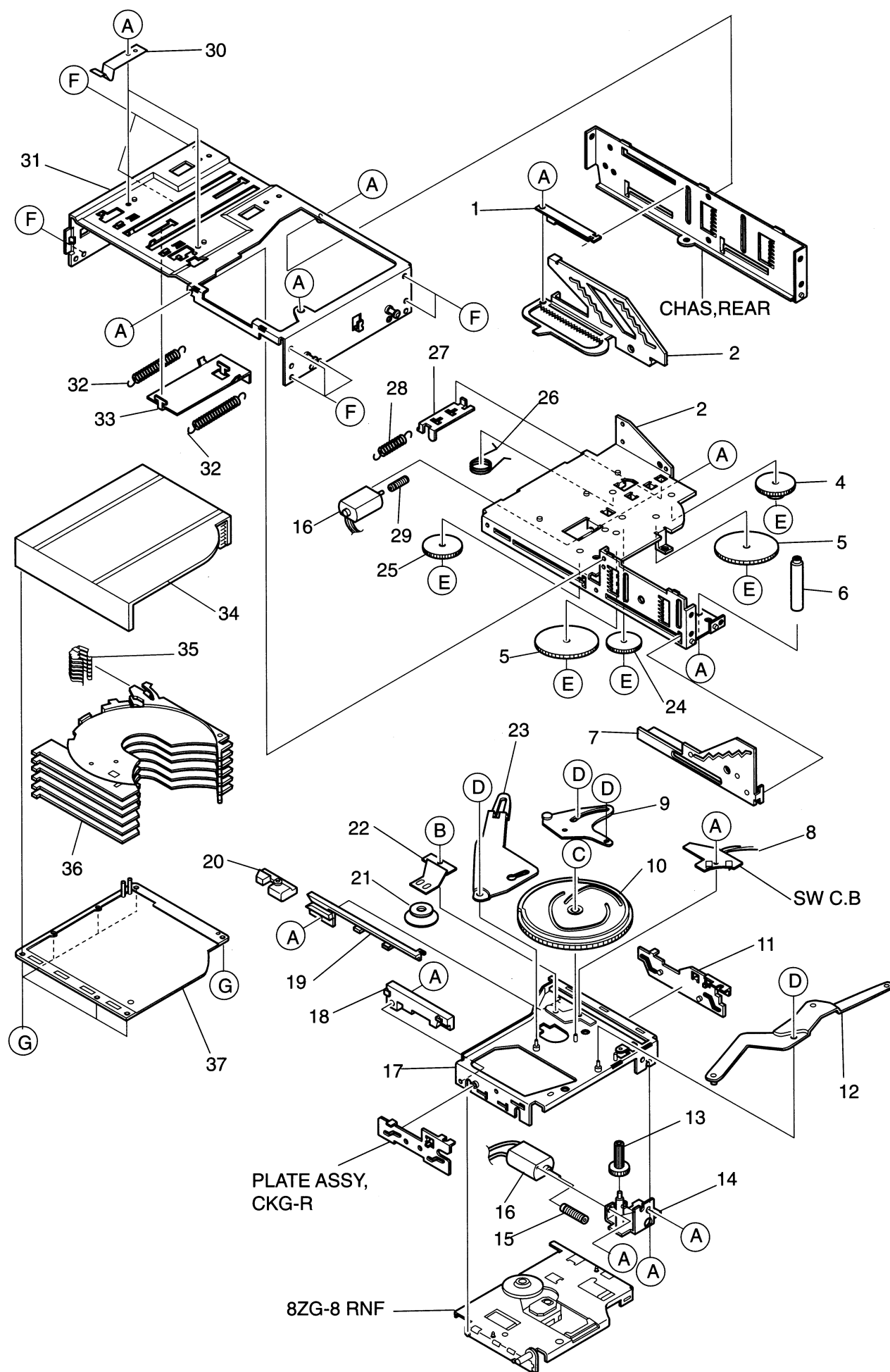
If can't understand for Description please kindly refer to " REFERENCE NAME LIST ".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8Z-KM2-003-010		PANEL,FRONT 6
2	8Z-KM2-004-010		WINDOW,FRONT 6
3	8Z-KM4-003-010		CABI,FRONT M65
4	8Z-KM1-207-010		PLATE,MAG
5	8Z-KM4-005-010		WINDOW,DECK M65
6	8Z-KM1-220-010		MAGNET,HLDR ASS'Y
7	8Z-KM4-004-010		CABI,FRAME 6S
8	8Z-KM2-208-010		COVER, DECK 6
9	8Z-KM1-006-110		KEY,EJECT
10	8Z-KM2-203-010		HLDR,DECK L6
11	88-ZG3-371-010		DMPR,
12	8Z-KM1-202-010		SHAFT,FRAME
13	88-ZG3-355-010		SPR-E,DMPR
14	8Z-KM4-606-010		PWB,FLEX DIN (ZKM4)
15	8Z-KM3-638-010		JACK,DIN 13 P TCS5125-014151
16	8Z-KM1-201-010		HLDR,CD
17	8Z-KM3-033-010		WINDOW,CD S
18	8Z-KM4-006-010		CABI,TOP 6S
19	8Z-KM4-608-010		F-CABLE,2P (SENS KM4)
20	8Z-KM2-204-010		HLDR,DECK R6
21	8Z-KM4-013-010		CABI,BOTTOM 6S
22	8Z-KM2-207-010		COVER, PLATE 6
23	8Z-KM1-225-010		HLDR,REG
24	8Z-KM1-232-010		HLDR,LED
A	87-B10-260-010		VTT+2.6-6 W/O SLOT BLK
B	8Z-KM1-223-010		S-SCREW,2-5 (BLK)
C	87-B10-255-010		U+2-3 W/O CR
D	87-571-032-410		VIT+2-3
E	87-B10-244-010		V+2-5 W/O BLK
F	87-B10-245-010		U+2.6-4 W/O CR
G	8Z-KM2-205-010		S-SCREW,M3-5-10
H	8Z-KM2-209-010		S-SCREW,M3-7-7

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow				

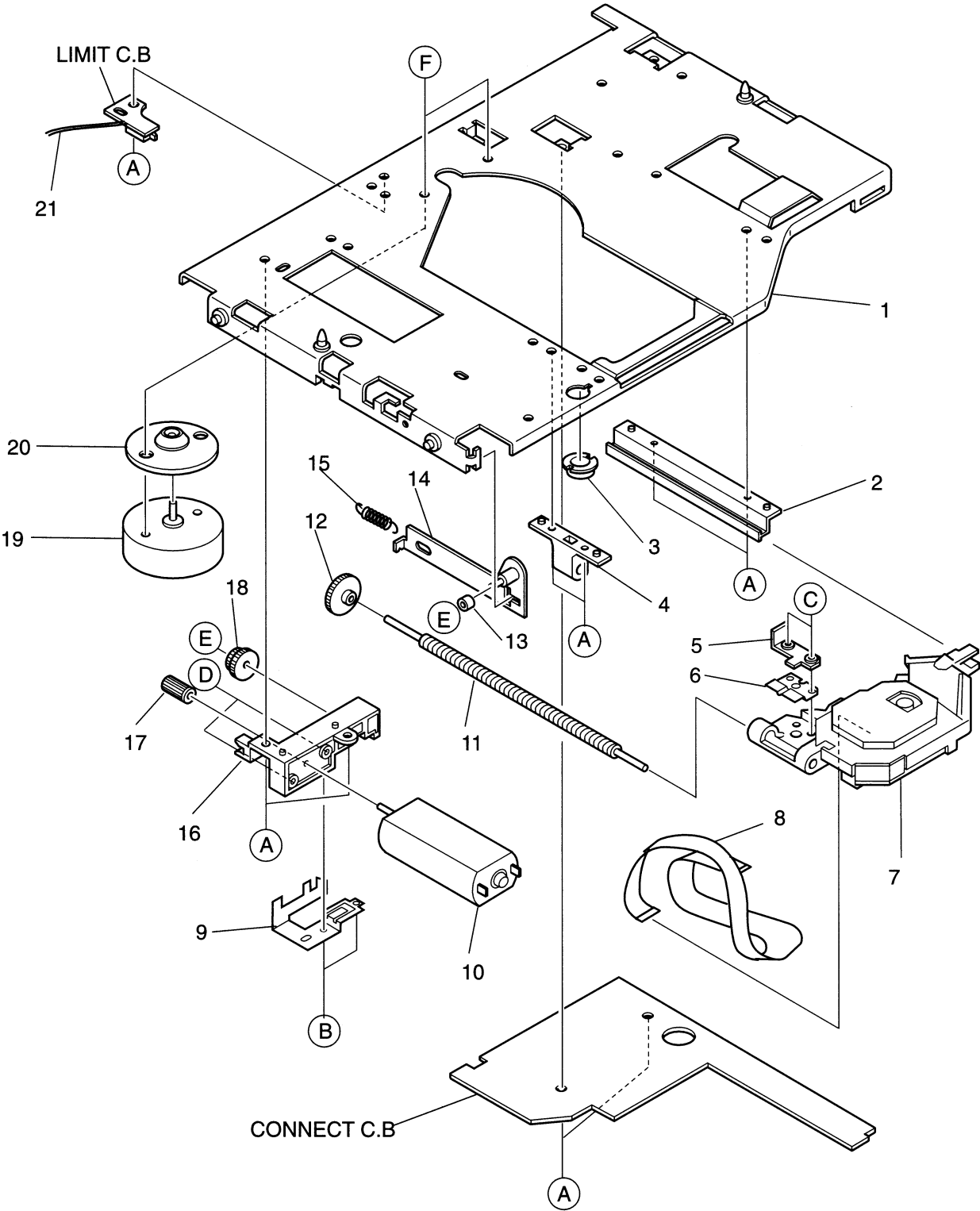
CD MECHANISM EXPLODED VIEW 1 / 2 (8ZG-3 RNF)



CD MECHANISM PARTS LIST 1 / 2 (8ZG – 3 RNF)

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	88-ZG3-306-210		PLATE, SLIT
2	88-ZG3-273-110		PLATE, ELV-R
3	88-ZG3-201-110		CHAS ASSY, MAIN
4	88-ZG3-305-010		GEAR, ELV-R
5	88-ZG3-303-010		GEAR, ELV
6	88-ZG3-331-010		SHAFT, GATA
7	88-ZG3-272-110		PLATE, ELV-F
8	8Z-KM3-625-010		F-CABLE, 4P (SWITCH)
9	88-ZG3-226-010		LEVER ASSY, SLD-1
10	88-ZG3-313-010		CAM, SLD
11	88-ZG3-246-010		PLATE ASSY, CKG-R
12	88-ZG3-231-010		LEVER ASSY, CKG
13	88-ZG3-312-110		WORM-WHL, SLD
14	88-ZG3-221-010		HLDR ASSY, MOT ELV
15	88-ZG3-311-010		GEAR, WORM SLD
16	87-A91-054-010		MOT, FF-050SK
17	88-ZG3-211-110		CHAS ASSY, ELV
18	88-ZG3-314-010		GUIDE, F
19	88-ZG3-315-210		GUIDE, R
20	88-ZG3-236-010		ARM ASSY,
21	88-ZG3-266-110		CLAMP ASSY,
22	88-ZG3-276-310		SPR-P, CLAMP
23	88-ZG3-275-010		LEVER, SLD-2
24	88-ZG3-302-010		WORM-WHL, ELV
25	88-ZG3-304-010		GEAR, ELV-F
26	88-ZG3-351-110		SPR-T, LEVER LOCK
27	88-ZG3-274-010		PLATE, LOCK SW
28	88-ZG3-352-010		SPR-E, LOCK SW
29	88-ZG3-301-010		GEAR, WORM ELV
30	88-ZG3-277-010		SPR-P, MAGAZINE
31	88-ZG3-251-010		CHAS ASSY, TOP
32	88-ZG3-353-010		SPR-E, EJECT
33	88-ZG3-278-010		PLATE, EJECT
34	88-ZG3-001-210		MAGAZINE, T
35	88-ZG3-279-210		SPR-P, TRAY
36	88-ZG3-003-210		TRAY,
37	88-ZG3-002-210		MAGAZINE, B
A	87-262-545-310		V+2-2.5
B	87-261-031-410		V+2-2
C	87-B10-258-010		W-P, 2.15-3.5-0.5
D	86-544-437-010		PW, 1.5-3.5-0.5
E	87-067-310-010		PW, 2.1-4-0.15 C
F	87-571-032-410		VIT+2-3
G	87-067-869-010		V+1.7-8 HL BLK



CD MECHANISM PARTS LIST 2 / 2 (8ZG-8 RNF)

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	88-ZG8-401-210		CHAS ASSY,MECHA
2	88-ZG8-425-010		GUIDE,PICKUP
3	88-ZG3-317-010		CLR,ELV
4	88-ZG8-426-010		HLDR,LEAD
5	88-ZG8-428-110		LEVER,PUSH SW
6	88-ZG8-412-010		SPR-P,PICKUP
7	87-A91-630-010		PICKUP,KSS-710A
8	8Z-KM4-631-010		PWB,FLEX PICK UP (AK)
9	88-ZG8-411-110		SPR-P,LEAD
10	87-A91-054-010		MOT,FF-050SK
11	88-ZG8-431-010		SHAFT,LEAD
12	88-ZG8-424-010		GEAR,MECHA 3
13	88-ZG3-332-010		CLR,LEVER ATK
14	88-ZG3-256-110		LEVER ASSY,ATK-F
15	88-ZG3-354-010		SPR-E,LEVER ATK
16	88-ZG8-427-010		HLDR,MOT MECHA
17	88-ZG8-422-010		GEAR,MECHA 1
18	88-ZG8-423-010		GEAR,MECHA 2
19	87-A90-926-010		MOT,RF-3L0PA
20	88-ZG8-421-010		TURN TABLE
21	8Z-KM3-624-010		F-CABLE,2P (LIMIT)
A	87-571-032-410		VIT+2-3
B	87-352-529-310		VT2+1.7-4.0 BLK
C	88-ZG8-432-010		S-SCREW,V+1.7-5 IB LOCK
D	87-262-547-310		V+2-3 BLK
E	87-078-018-010		PW 1.55-3.6-0.25
F	87-262-523-310		V+1.7-2 3 BLK

ACCESSORIES / PACKAGE LIST

If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8Z-KM4-907-010		IB,YU(3L) M65-I
2	87-B10-208-010		VWWS+4-12 BLK
3	8Z-KM1-210-110		PLATE,UNIT ASSY
4	8Z-KM1-218-010		NUT,5 HEX-FLANGE
5	8Z-KM2-202-010		HLDR,UNIT 6A
6	8Z-KM2-206-010		HLDR,UNIT 6B
7	8Z-KM4-651-010		CABLE ASSY,13PIN-DIN

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AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111